

## Exhibit A

### CURRICULUM VITAE

*Victor L. SEREBRUANY, M.D., Ph.D.*

*October, 2004*

Work: HeartDrug™ Research Laboratories,  
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#### *Education :*

1984-1989 <b>Ph.D.</b>	Pharmacology. Thesis : “Hemostatic disorders and their pharmaceutical correction in children with nephrotic syndrome”. Institute of Pediatrics & Children’s Surgery (Moscow, USSR)
1982-1984	Postdoctoral Fellowship in Perinatology. Institute for Postgraduate Medical Education (Moscow)
1976-1982 <b>M.D.</b>	Second State Medical Institute (Moscow)

#### *Additional training:*

1991	Accounting, economics, industrial psychology	Johns Hopkins University ( Baltimore, MD )
1988	Business, politics, international trade	Political State University ( Moscow, Russia )

### ***Professional Experience :***

- 2000 - present **Owner**, HeartDrug™ Research, LLC
- 1999 – present **Editor for Americas**, “HeartDrug™” International Journal for Cardiovascular Clinical Trials (Karger Publishers, Basel, Switzerland)
- 1999 - 2003 **Assistant Professor**, Department of Medicine, Johns Hopkins University
- 1997 - 2003 Research **Director**, Sinai Center for Thrombosis Research.
- 1997 – 2000 **Managing Partner**, “HeartDrug™ Research, LLC”
- 1995 –1997 **Director**, Cardiovascular Research. Union Memorial Hospital.
- 1994 - 1995 **Research Associate** , Division of Cardiology, University of Maryland
- 1992 - 1994 **Postdoctoral Fellow**, Division of Cardiology, University of Maryland
- 1991 - 1992 **Sr. Research Assistant** , Division of Pediatric Nephrology  
Johns Hopkins University
- 1989 – 1991 **Sr. Research Scientist.**, Head, Division of Clinical Pharmacology.  
Institute of Pediatrics & Children’s Surgery, Moscow, USSR
- 1984 - 1989 **Research Scientist.**, Division of Pediatric Nephrology  
Institute of Pediatrics & Children’s Surgery, Moscow, USSR

### ***Awards and Honors:***

- 2002 Pfizer Established Investigator Award
- 1991 Bristol-Myers Squibb Stipend
- 1990 International Pediatric Nephrology Association Award
- 1989 Bristol-Myers Squibb Young Investigator Award

### ***Professional Societies :***

American Medical Association  
 American Federation for Clinical Research  
 American Heart Association ( Council for Arteriosclerosis, Thrombosis  
 and Vascular Biology )  
 International Society on Thrombosis and Haemostasis

### ***Consultant :***

DAKO, PharMingen, Becton Dickinson, Pfizer, Bristol-Myers Squibb, Sanofi Synthelabo,  
 Novartis, Boehringer Ingelheim, McNeil, NPS Pharma, Guilford

### ***Reviewer :***

JAMA, Circulation, Journal of American College of Cardiology, Stroke, American Journal  
 of Cardiology, American Heart Journal, American Journal of Respiratory & Critical Care  
 Medicine, Thrombosis Research, Journal of Cardiovascular Pharmacology, International  
 Journal of Cardiology, Nephron, Magnesium Research, Atherosclerosis, Acta Psychiatrica  
 Scandinavica, Clinical Pharmacology, Drugs in R&D, Pediatric Blood & Cancer, Blood  
 Coagulation & Fibrinolysis

### ***Research :***

Approved for 2004/2008 - Aggrenox versus clopidogrel for second stroke prevention. The  
 Compliance Substudy for the PROFESS trial (Boehringer Ingelheim).

Approved for 2004/2005 – Hemostatic Dysfunction in Acute Spontaneous Intracerebral Hemorrhage  
 Role - Co-PI; PI- Wendy Ziai, MD (Johns Hopkins University)

Approved for 2004/2005 - Effect of clopidogrel and aspirin combination versus aspirin alone on  
 platelets in patients with diabetes mellitus (PLUTO-DM Trial) (Sanofi, Bristol-Myers  
 Squibb)

Approved for 2004/2005 – Effect of escalating doses of aspirin on platelet, inflammatory, and  
 endothelial biomarkers in patients with coronary artery disease and metabolic syndrome Role  
 - Co-PI; PI- Prof. Charles H. Hennekens. (Bayer)

Approved for 2004/2005 – Effect of Aggrenox, Telmisartan, their combination, and clopidogrel +  
 aspirin on platelets in patients with diabetes mellitus. (Boehringer-Ingelheim).

Approved for 2005 - Effect of clopidogrel and aspirin combination versus aspirin alone on platelets  
 in patients with peripheral vascular disease (PLUTO-PVD Trial) (Sanofi, Bristol-Myers  
 Squibb)

- 2004 - present Evaluation of the novel ADP cartridge before and after clopidogrel in patients with documented coronary artery disease (Accumetrics)
- 2004 – present – Fluorometric measurements of dipyridamole for human and animal R&D studies (Worldwide Core Laboratory). (Boehringer Ingelheim)
- 2004-present – Effects of tirofiban on surface platelet receptors expression in patients with diabetes mellitus, and those undergoing coronary interventions (Guilford)
- 2004 - present Evaluation of the propyl-gallate versus *Verify Now™* cartridges in patients already receiving aspirin (Accumetrics)
- 2004 – present – Effect of protectant V on platelet – endothelial biomarkers in patients with coronary artery disease. The ARISE Platelet Substudy (Atherogenics).
- 2003 – 2004 – Effect of different doses of aspirin on bleeding complications. The meta-analyses of controlled clinical trials (McNeil).
- 2003 – present - Platelet function after different doses of CS-747 versus clopidogrel in patients undergoing coronary stenting (The JUMBO-TIMI-26 Platelet Substudy) (Lilly)
- 2003 – present - Assessment of the platelet response variability to clopidogrel. (Sanofi, Bristol-Myers Squibb).
- 2003 – present - Treatment of aspirin resistance with Aggrenox in patients with TIA and ischemic stroke (the in vitro study). (Boehringer Ingelheim)
- 2003 - present - Effects of escalating doses of valsartan (Diovan®) on platelets in patients with mild to moderate hypertension: Valsartan Inhibits Platelets (VIP Trial) Novartis
- 2003 – present - Effects of escitalopram on platelet function in humans (Lundbeck AG)
- 2003 - present - Effects of citalopram (Celexa®) versus placebo on platelets in patients with depression and coronary artery disease (CREATE) (Montreal Heart Institute)
- 2002 – 2004 - Effect of clopidogrel and aspirin combination versus aspirin alone on platelets in patients with ischemic stroke or TIA (Sanofi, Bristol-Myers Squibb).
- 2002 – 2003 - Effects of Aggrenox on platelet function in patients after TIA or stroke (AGATE), (Boehringer Ingelheim)
- 2002 - 2003 - Interactions of atorvastatin and clopidogrel in patients undergoing coronary stenting (INTERACTION trial) (Pfizer).
- 2002 – 2003 - Effects of in vitro valsartan and its major metabolite valeryl – 4 hydroxy valsartan on human platelets (Novartis)

- 2001 – 2002 - Effect of Aggrenox versus conventional aspirin on bleeding risks, and timing of platelet inhibition (Boehringer Ingelheim)
- 2001- 2002 - Evaluation of the Epinephrine/iso-TRAP cartridge in arterial and venous samples in patients undergoing coronary interventions (Accumetrics)
- 2001- 2002 - Evaluation of the Precision of the Propyl Galat Cartridge in volunteers treated with single dose aspirin (Accumetrics,)
- 2001- 2002 - Evaluation of the Dual RPFA ADP Cartridge in subjects treated with clopidogrel or ticlopidine (Accumetrics, Inc.)
- 2001- 2002 - Evaluation of the Dual RPFA ADP/iso-TRAP Cartridge in subjects treated with integrilin, and tirofiban (Accumetrics)
- 2000-2002 - Effect of clopidogrel + aspirin versus aspirin alone on platelets in patients with congestive heart failure The PLUTO-CHF study (Bristol-Myers Squibb, Sanofi).
- 2000-2001 Effect of aerobic exercise on plasma levels of atrial natriuretic peptide and norepinephrine in patients with heart failure (Duke Clinical Research Institute).
- 2000-2002 - The *in vitro* effects of different thrombolytic agents on platelet aggregation, and surface receptor expression (Genentech, HeartDrug Research, LLC).
- 1999-2001 - Assessment of platelet-endothelial interactions in patients with acute myocardial infarction undergoing thrombolytic therapy with t-PA and TNK (ASSENT-II Platelet Study). (Genentech, HeartDrug Research, LLC).
- 1999–2000 - Assessment of platelet function with the Platelet Function Analyzer (PFA-100™) in patients with acute coronary syndromes, and after oral GP IIb/IIIa blockade (Dade-Behring, HeartDrug Research, LLC)
- 1999 – 2000 - Comparison of the Rapid Platelet Function Analyzer versus conventional aggregometry in patients with coronary artery disease after oral GP IIb/IIIa blockade (Accumetrics, HeartDrug Research, LLC)
- 1999 – 2000 - Assessment of platelet contractile force with the Platelet Analyzer in patients with acute coronary syndromes, and after oral GP IIb/IIIa blockade (Hemodine, HeartDrug Research, LLC)
- 1999 – present - Diagnostic utility of the platelet receptor expression by flow cytometry in patients with acute coronary syndromes, chest pain, and heart failure (Beckton – Dickinson, HeartDrug Research, LLC)
- 1998 - 2000 - Platelet function in patients with chronic heart failure (EPCOT trial) (Duke Clinical Research Institute, HeartDrug Research, L.L.C.).

- 1998 - 1999 - Effect of DMP 754-010 versus aspirin on platelet aggregation, major receptor expression, release reactions, and thrombin generation in patients with acute coronary syndromes. (DuPont )
- 1998 -1999 - Use of coenzyme Q10 (Ubiquinone™) in patients with acute coronary syndromes.(University of Copenhagen, Pharma Nord)
- 1998 - 1999 - Assessment of platelet activation and novel necrosis markers in patients with acute coronary syndromes (Zurich University)
- 1998 - 2000 - Effect of azytromycin in patients with *Chlamydia pneumoniae* - associated coronary artery disease on endothelial function (Pfizer, University of Utah)
- 1998 - 2000 - Optimal timing of clopidogrel (Plavix®) loading regimen in patients undergoing coronary stenting. PRONTO trial. (Bristol - Myers Squibb, Sanofi).
- 1997 - 2003 - Effects of sertraline (Zoloft®) versus placebo on platelet/endothelial biomarkers in patients with depression after acute myocardial infarction (SADHART Platelet Substudy). (Pfizer)
- 1997 – 1998 - Effects of ReoPro and/or reteplase on platelet aggregation, GP IIb/IIIa, and P-selectin expression in patients with acute myocardial infarction (SPEED) (Centocor)
- 1996 – 1998 - Crossreactivity of the major platelet surface receptors between humans and Yorkshire swine (DAKO)
- 1997 – 1998 - Diagnostic utility of platelet and soluble P-selectin in patients with acute coronary syndromes. MAPS-1 trial. (Centocor)
- 1996- 1997 - Effects of Orbofiban on major surface platelet receptors rather than GP IIb/IIIa in patients with stabilized ischemic syndromes (Searle)
- 1996-1997 - Effect of r-PA vs. t-PA on the platelet status in patients with myocardial infarction. The GUSTO-III Platelet Substudy. (Boehringer Mannheim).
- 1992-1995 - Cardiovascular applications of leumedins (Scios - Nova)
- 1992- 1996 - Effect of ubiquinone (CoQ10 ®) on myocardial reperfusion injury, infarct size and platelet function. (Pharma Nord)
- 1993- 1996 - Coronary endothelin - I level in patients with unstable angina (Merck)
- 1993-1995 - Alteplase® vs. Abbokinase® vs. BM. 06.022 on platelet function and coagulation during myocardial infarction (Abbott)

1991-1992 - Genetic alterations in human complement alleles in children with nephropathies and their families (Bristol-Myers Squibb )

1986-1988 - Effects of pentoxifylline (Trental ®) on renal function and hemorheology in children with nephrotic syndrome. (Bayer)

1984-1988 - Management of hypertension with captopril (Capoten ®) therapy in pregnant women with preeclampsia. (Squibb & Sons)

### ***Mentorship :***

#### ***Post doctoral fellows:***

Alex Malinin, M.D., 2000-present

Alik Janishvili, M.D., 2001- 2002, Resident in Surgery, Montefiore Hospital, New York, NY

Selva Muguresan, Ph.D., 1997-1999. Current position: Research Director, Cell Trends, Inc.; Frederick, MD

Sergey Y. Fuzaylov, M.D. 1998-2000. Current Position: Medical Resident in Anesthesiology. University of Massachusetts, Worcester, MA

#### ***Graduate students:***

Kevin Callahan, Physiology / Pharmacology, Ph.D., 2000-2002

#### ***Medical Residents:***

Girish Nair, M.D., 1998-2000. Current position: Cardiology Fellow, Wake Forest University, Winston- Salem, NC

Husam Semaan, M.D., 1997-2000. Current Position : Family practice physician, Cambridge, MD

Christopher Davis, M.D., 1998-2001. Current Position: Cardiology Fellow, University of Virginia, Charlottesville, VA

Marcus McKenzie, M.D., 1998-2002. Current Position: Cardiology Fellow, Georgetown University, Washington, DC

Andrew Meister, M.D., 1999-2002

Johnathan Hefner, M.D. 2000-2002

#### ***Pre-doctoral trainees:***

Soni Oei

1992-1993, medical student

Matthew Schlossberg

1992-1994, medical student

Lisa Edenbaum

1993-1995, medical student

Matthew Greber

1994-1995, medical student

Steven Komjathy

1993-1995, medical student

Douglas Levine

1998-1999, high school student

Eric Horowitz

2000-2001, graduate student

Benjamin Oshrine

2000-present, medical student

### ***Patents:***

1. Determining a treatment plan for patients undergoing thrombotic event by monitoring P-selectin (USN 6,230,713; issued May 15, 2001). Ownership: BTG International, Dalesandro/Gurbel/Serebruany
2. Methods for inhibiting platelet activation with selective serotonin reuptake inhibitors (USN 6,245,782; issued June 12, 2001). Ownership: HeartDrug
3. Methods of treatment of thrombotic events (USN 10/106,958, filed March 25, 2002) Ownership: HeartDrug/BTG International
4. Methods for inhibiting platelet activity with valsartan, and valeryl 4-hydroxy-valsartan (USN 60/395,014 filed August 1, 2002). Ownership: Novartis/HeartDrug
5. Methods for inhibiting platelet activation with selective serotonin reuptake inhibitors (USN 6,552,014; issued April 22, 2003). Ownership: HeartDrug
6. Use of dipyridamole and mopidamole for treatment and prevention of thromboembolic disease and disorders caused by excessive formation of thrombin and/or by elevated expression of thrombin receptors (USN60/465,168, filed April 24, 2003). Ownership – Boehringer Ingelheim/ HeartDrug
7. Method for inhibiting platelet activation and thrombin generation with statins (HeartDrug/Pfizer 10 / 811, 563)

### ***Publications:***

#### **Books/Book chapters :**

1. Axelrod VG, Serebruany VL, Medvedev MV. Use of transcutaneous PaO<sub>2</sub> for estimation of breathing in the newborns undergoing negative pressure. In : “Actual aspects of human adaptive reactions in experimental and clinical practice”. V.V.Gavrushov (Editor) Moscow, “Progress” 1986; pp. 126-148.
2. Serebruany VL, Medvedev MV. Ultrasound antenatal diagnosis of urinary tract malformations in fetus. In : “Congenital and hereditary diseases in children.” Moscow/Berlin, M.S. Ignatova, Z.Schults (Editors) 1988; pp. 148-154.
3. Levitzky SV, Barkagan LZ, Serebruany VL. “Thrombophilia in children : Pathogenesis; Diagnosis; Pharmacology.” Practical guide for doctors. 1989, Moscow “Medicina”, 83p.
4. Serebruany V.L. “Hi, America !” First legal immigration guide for Russians. DIANE Publishing, Inc. 1995; 256p.
5. Gurbel PA, Kologie F, Serebruany VL, Mergner WJ. Myocardial cell injury during ischemia and reflow. In : Principals of Medical Biology. Volume 13. Bittar EE, Bittar N. (Editors) JAI Press, Inc. 1998, pp. 127-166.



## Original Articles

### A. Published :

1. Burakova VB, Musikantova VS, Sydorova TA, Serebruany V.L. Clinical and morphological correlations in premature newborns with intraventricular hemorrhage. *Pediatrics* 1985; 9 : 10-13.
2. Medvedev M.V., Serebruany V.L., Machinskaya E.A. Antenatal diagnosis of Ebshtein syndrome using echocardiography. *Pediatrics* 1986; 11 : 68-69.
3. Medvedev MV, Serebruany VL, Axelrod VG. Antenatal ultrasound diagnosis of combined heart defect in fetus. *Vopr. Ochr. Mater. & Det* 1987; 1 : 72-73.
4. Serebruany VL, Barkagan LZ. Hemostatic abnormalities and pharmacology of the nephrotic syndrome in childhood. *Pediatrics* 1987; 2 : 91-94.
5. Serebruany VL, Ignatova MS, Degtyareva EM. Thrombophilia in children with the nephrotic syndrome. *Pediatrics* 1989; 1 : 49-53.
6. Svetlov SI, Serebruany VL. Platelet-activating factor: biochemical and pathophysiological aspects. *Pathophysiol Exper Ther* 1989; 1 : 70-75.
7. Svetlov SI, Burova VYA, Serebruany VL, Veltischev YE. Morphological changes in pulmonary and kidney tissues, induced by intravenous PAF and blocked by verapamil injections. *Bull Exper Biol Med*, 1989; 58 : 276-279.
8. Serebruany VL, Christenson MJ, Pescetti J, McLean R H. Hypoproteinemia in the hemolytic-uremic syndrome of childhood. *Pediatric Nephrol* 1993; 7 : 72-73.
9. Herzog WR, Atar D, Gurbel PA, Vogel RA, Schlossberg ML, Serebruany VL. Effect of magnesium infusion on platelet aggregation in swine. *Magnes Res* 1993; 4:349-353.
10. Gurbel PA, Anderson RD, MacCord CS, Scott HJ, Serebruany VL, Herzog WR. Accelerated intravenous dosing of recombinant tissue plasminogen activator causes rapid but unstable reperfusion in canine model of acute myocardial infarction. *Cor Artery Dis* 1994; 5:929-936.
11. Atar D, Serebruany V, Poulton J, Godard J, Sneider A, Herzog W. Effects of magnesium supplementation in a porcine model of myocardial ischemia and reperfusion. *J Cardiovasc Pharm* 1994; 24: 603-611.
12. Herzog WR, Schlossberg ML, Mortensen SA, Serebruany VL. Effect of Coenzyme Q10 supplementation on platelet aggregability in swine. *CoQ10 Res Biol Med* 1995; 3 : 5 - 8.
13. Gurbel PA, Serebruany VL, Komjathy SF, Collins ME, Sane DC, Scott HJ, Schlossberg ML, Herzog WR. Regional and systemic platelet function is altered by myocardial ischemia-reperfusion. *J Thromb Thrombolys* 1995; 1:187-194.
14. Serebruany VL, Herzog WR, Gurbel PA, Schlossberg ML, Scott HJ, Vogel RA. NPC 15669, an anti-inflammatory leucine derivative reduces *in vitro* platelet aggregability in both swine and human plasma. *J Thromb Thrombolys* 1995; 1:171-178.
15. Herzog WR, Gurbel PA, Vogel RA, Schlossberg ML, Scott HJ, Schneider AI, Serebruany VL. Effects of NPC 15669 an anti-inflammatory leucine derivative on myocardial stunning and pre-conditioned infarction size in swine. *J Thromb Thrombolys* 1995; 1:163-170.
16. Herzog WR, Schlossberg ML, MacMurdy KS, Edenbaum LR, Gerber MG, Vogel RA, Serebruany VL. Timing of magnesium therapy affects experimental infarct size. *Circulation* 1995; 92: 2622-2626.

17. Serebruany VL, Herzog WR, Atamas SP, Gurbel PA, Paulsen G, Mortensen SA, Folkers K. Hemostatic Changes after dietary Coenzyme Q10 supplementation in swine. *J Cardiovasc Pharm* 1996; 28: 175-181.
18. Herzog WR, Serebruany VL. How magnesium therapy may influence clinical outcome in acute myocardial infarction: review of potential mechanisms. *Coron Artery Dis* 1996; 7: 364-371.
19. Serebruany VL, Herzog WR, Gurbel PA. Serial changes of natural antithrombotics during myocardial ischemia-reperfusion in swine. Effects of magnesium, diltiazem, and a novel Mac-1 inhibitor. *Blood Coag Fibrinol* 1996; 7: 632-640.
20. Gurbel PA, Serebruany VL, Komjathy SF, Collins ME, Bittar GD, Schlossberg ML, Mergner W. Pretreatment with an inhibitor of Mac-1 alters regional and systemic platelet function during ischemia - reperfusion in swine. *Pharmacology* 1996; 53: 79-86.
21. Serebruany VL, Solomon SR, Edenbaum LR, Herzog, WR, Gurbel PA. Mac -1 inhibitor affects certain hemostatic parameters during myocardial stunning in swine. *Pharmacology* 1996 53: 87-97.
22. Serebruany VL, Schlossberg ML, Edenbaum LR, Herzog WR, Gurbel PA. Intracoronary magnesium and diltiazem affect to a similar extent certain hemostatic factors during acute myocardial infarction in swine. *Pharmacology* 1996; 53: 224-233
23. Serebruany VL, Schlossberg ML, Edenbaum LR, Herzog WR, Gurbel PA. Hemostatic changes after early versus late intracoronary magnesium during acute myocardial infarction in swine. *J Cardiovasc Pharm* 1996; 28: 817-823.
24. Serebruany VL, Herzog WR, Edenbaum LR, Shustov AR, Gurbel PA. Changes in the haemostatic profile during magnesium deficiency in swine. *Magnesium Res* 1996; 9: 155-163.
25. Serebruany VL, Ordonez JV, Herzog WR, Rohde M, Mortensen SA, Folkers K, Gurbel PA. Dietary coenzyme Q10 supplementation alters platelet size and inhibits human vitronectin (CD51/CD61) receptor expression. *J Cardiovasc Pharm* 1997; 29: 16-22.
26. Serebruany VL, Herzog WR, Gurbel PA. Serial changes of the plasma prostanoids during myocardial ischemia - reperfusion in swine : Effects of magnesium, diltiazem, and a novel Mac-1 inhibitor. *Prostagland Leukotr Essen Fatty Acids* 1997; 56: 135-142.
27. Serebruany VL, Gurbel PA, Ordonez JV, Herzog WR, Rohde M, Mortensen SA, Folkers K. Could coenzyme Q10 affect hemostasis by inhibiting platelet vitronectin (CD51/CD61) receptor ? *Molec Aspects Med* 1997; 18: S189-S194.
28. Herzog WR, Vogel RA, Schlossberg ML, Edenbaum LR, Scott HJ, Serebruany VL. Short-term low dose intracoronary diltiazem administered at the onset of reperfusion reduces myocardial infarct size *Intern J Cardiol* 1997; 59: 21-27.
29. Serebruany VL, Solomon SR, Herzog WR, Gurbel PA. Bolus magnesium infusion in humans is associated with predominantly unfavorable changes in platelet aggregation and certain hemostatic factors. *Pharmacol Res* 1997; 36: 17-22 .
30. Serebruany VL, Schlossberg ML, Edenbaum LR, Herzog WR, Gurbel PA. Effects of intracoronary diltiazem on certain hemostatic parameters during acute myocardial infarction in swine. *Intern J Cardiol* 1997; 61: 21-29.
31. Gurbel PA, Serebruany VL. Myths and realities of P-selectin plasma levels in patients with acute myocardial infarction. *Thromb Res* 1997; 88: 343-344.

32. Serebruany VL, Gurbel PA, Shustov AR, Dalesandro M, Gumbs SI, Grabletz BS, Bahr RD, Ohman EM, Topol EJ. Depressed platelet status in a patient with hemorrhagic stroke following thrombolysis for acute myocardial infarction. *Stroke* 1998; 29: 235-238.
33. Gurbel PA, Serebruany VL. Soluble Vascular Cell Adhesion Molecule and E-selectin in patients with acute myocardial infarction treated with thrombolytic agents. *Am J Cardiol* 1998; 81: 772-775.
34. Serebruany VL, Atar D, Dalesandro MR, O'Connor CM, Gurbel PA. Changes in hemostasis after parenteral magnesium in myocardial ischemia - reperfusion : from animal studies to clinical trials. *Magnes Res* 1998 11: 37-42.
35. Serebruany VL, Bahr RD, O'Connor CM, Lowry DR, Gurbel PA, for the GUSTO-III Platelet Substudy. Antecedent aspirin therapy inhibits baseline platelet activity in patients presenting with acute myocardial infarction. *Cardiology* 1998; 90: 37-42.
36. Serebruany VL , Solomon SR, Herzog WR, Gurbel PA. Plasma fibronectin during myocardial ischemia - reperfusion. Effects of magnesium, diltiazem, and a novel Mac-1 inhibitor. *Am J Hematol* 1998; 57: 309-314.
37. Serebruany VL, Solomon SR, Shustov AR, Herzog WH, Gurbel PA. Survival in acute myocardial infarction induced by coronary artery ligation : Prognostic relevance of certain hemostatic factors during the occlusion phase. *J Thromb Thrombolys* 1998; 5: 29-35.
38. Serebruany VL, Ordonez JV, Yurovsky VV, Gurbel, PA. The crossreactivity of human vs. swine platelet surface antigens is similar for glycoproteins Ib and IIIa, but not for IIb/IIIa complex. *J Thromb Thrombolys* 1998; 5: 37-41.
39. Gurbel PA, Serebruany VL, Shustov AR, Bahr RD, Carpo C, Ohman EM and Topol EJ, for the GUSTO III Investigators. Effects of Reteplase and Alteplase on Platelet Aggregation and Major Receptor Expression During the First 24 Hours of Acute Myocardial Infarction Treatment. The GUSTO III Platelet Study. *J Amer Coll Cardiol* 1998; 31: 1466-1473.
40. Serebruany VL, Gurbel PA, Shustov AR, Ohman EM, Topol EJ. Heterogeneity of platelet aggregation and major surface receptor expression in patients presenting with acute myocardial infarction. *Am Heart J* 1998; 136: 398-405.
41. Serebruany VL, Gurbel PA, Murugesan SR, Lowry DR, Sturm E, Svetlov SI. Depressed plasma platelet-activating factor acetylhydrolase in patients presenting with acute myocardial infarction. *Cardiology* 1998; 90: 127-130.
42. Serebruany VL , Schlossberg ML, Edenbaum LR, Herzog WR, Gurbel PA. Serial changes of soluble endothelin-1 levels during myocardial ischemia-reperfusion. Effects of magnesium, diltiazem, and a novel Mac-1 Inhibitor. *Pharmacol Res* 1998; 38: 165-172.
43. Gurbel PA, Serebruany VL, Shustov AR, Dalesandro M, Gumbs SI, Grabletz BS, Bahr RD, Ohman EM, Topol EJ. Increased baseline platelet P-selectin, and PECAM-1 as predictors of unsuccessful thrombolysis in patients with acute myocardial infarction. *Coron Artery Dis* 1998; 9: 451-456.
44. Gurbel PA, Dalesandro MR, Serebruany VL. Effects of reteplase and alteplase on soluble PECAM-1 and P-selectin in patients with acute myocardial infarction. *Thromb Haemost* 1998; 80: 725.
45. Serebruany VL, Gurbel PA. Effect of thrombolytic therapy on the plasma concentration and platelet expression of the platelet/endothelial cell adhesion molecule in patients with acute myocardial infarction. *Arterioscl Thromb Vasc Biol* 1999; 19: 153-158.

46. Serebruany VL, Gurbel PA. The relations of major platelet receptor expression during myocardial infarction. Monitoring efficacy of GPIIb/IIIa inhibitors by measuring P - selectin ? *Thromb Haemost* 1999; 81 : 314-316.
47. Serebruany VL, Gurbel PA. Assessment of platelet activity by measuring platelet-derived substances in plasma from patients with acute myocardial infarction: Surprising lessons from the GUSTO-III Platelet Study. *Thromb Res* 1999; 93: 149-150.
48. Svetlov SI, Moscaleva ES, Pinelis VG, Daikhiin YI, Serebruany VL. Decreased intraplatelet  $Ca^{2+}$  mobilization and ATP secretion in pediatric nephrotic syndrome. *Pediatr Nephrol* 1999; 13: 205-208.
49. O'Connor CM, Gurbel PA, Serebruany VL. Usefulness of soluble and surface-bound P-selectin in detecting heightened platelet activity in patients with congestive heart failure. *Amer J Cardiol* 1999; 83: 1345-1349.
50. Serebruany VL, Murugesan SR, Pothula A, Semaan H, Gurbel PA. Soluble Platelet / Endothelial Cellular Adhesion Molecule-1, but not P-Selectin, nor osteonectin identify acute myocardial infarction among patients with chest pain admitted to the Emergency Department. *Cardiology* 1999; 91: 50-55.
51. Gurbel PA, Murugesan SR, Lowry DR, Serebruany VL. Plasma thromboxane and prostacyclin are linearly related and increased in patients presenting with acute myocardial infarction. *Prostagl Leukotr Essen Fatty Acids* 1999; 61: 7-11.
52. Nair GV, Gurbel PA, O'Connor CM, Gattis WM, Murugesan SR, Serebruany VL. Depression, Coronary Events, Platelet Inhibition, and Serotonin Reuptake Inhibitors. *Am J Cardiol* 1999; 84: 321-323.
53. Gurbel PA, O'Connor CM, Cummings CC, Serebruany VL. Clopidogrel : the future choice for preventing platelet activation during coronary stenting? *Pharmacol Res* 1999; 40: 107-111.
54. Serebruany VL, Yurovsky VV, Gurbel PA. Effects of novel Mac-1 inhibitor NPC 15669 on hemostatic parameters during preconditioned myocardial infarction. *Life Sci* 1999; 65: 1503-1515.
55. Murugesan SR, Gurbel PA, Serebruany VL. Storing paraformaldehyde fixed whole blood patient samples after chronic platelet glycoprotein IIb/IIIa blockade : Core laboratory considerations. *Thromb Res* 1999; 95:201-203.
56. Serebruany VL, Yurovsky VV, Gurbel PA. Mild myocardial stunning affects platelet aggregation and certain hemostatic factors in swine. *Clin Appl Thromb Hemost* 1999; 5: 236-242.
57. Serebruany VL, Murugesan SR, Pothula A, Atar D, Lowry DR, O'Connor CM, Gurbel PA. Increased soluble Platelet/Endothelial Cellular Adhesion Molecule-1 and osteonectin levels in patients with severe congestive heart failure. Independence of disease etiology, and antecedent aspirin therapy. *Eur J Heart Fail* 1999; 1: 243-249.
58. Serebruany VL, Kereiakes DJ, Dalesandro MR, Gurbel PA. Model of flow cytometer markedly affects platelet - bound P-selectin expression in patients with chest pain. Are we comparing apples with oranges ? *Thromb Res* 1999; 96:51-56.
59. McKenzie ME, Gurbel PA, Levine DJ, Serebruany VL. Clinical utility of available methods determining platelet function. *Cardiology* 1999; 92: 240-247.
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